DETAILED ACTION

Response to Amendment

1. Applicant's Amendment filed on 1/21/2009 has been entered with amended claims 1, 7, 13 and cancelled claims 2, 8,14. In this Office Action, claims 1, 2-7, 9-13 and 15-18 are pending. These claims are renumbered as 1-15 for allowance.

2. Applicant combined objected claims 2, 8 and 14 with independent claims 1, 7 and 13 respectively (see Remarks section, page 6, paragraph two).

3. Examiner called Applicant's representative Mr. Steven M. Greenberg, Reg. 44,725 to explain possible rejection of claims 1 and 13 under 35 U.S.C. 101 and Applicant agreed and authorized for an Examiner's Amendment to amend claims 1 and 13 (see Interview Summary).

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview on 5/6/2009 with Mr. Steve M. Greenberg, Reg. No. 44,725 (see Interview Summary for details).

Claims: Replace amended on record claims 1 and 13 with the following:

1. (Currently Amended) A method of constructing a system-independent key from a universal resource indicator for use in an index-less caching system, the method comprising:

converting, in an index-less caching mechanism executing in memory by a processor of a computer, characters of the universal resource indicator to equivalent values resulting in a value string having a value string length, the value string including a file name associated with a cached resource;

determining by the index-less caching mechanism if the value string length exceeds a predetermined maximum file entry length for the caching system; and

converting by the index-less caching mechanism the value string into discrete file entries including one or more directory entries and the file name associated with the cached resource, wherein each discrete file entry contains a number of values equal to or less than the maximum file entry length.

13. (Currently Amended) A system for constructing a system-independent key from a universal resource indicator for use in an index-less caching system, the system comprising a computer having:

a database, the database storing a cached resource, the location of the cached resource identified by a universal resource indicator; and

a computer with a memory and ~~central processing unit, the~~ a central processing unit coupled to the database, converting characters of the universal

resource indicator to equivalent values resulting in a value string having a value string length, the value string including a file name associated with a cached resource, the central processing unit further determining if the value string length exceeds a maximum file entry length for the caching system, and converting the value string into discrete file entries including one or more directory entries and the file name associated with the cached resource, wherein each discrete file entry contains a number of values equal to or less than the maximum file entry length.

Reasons for allowance

5. The following is an examiner's statement of reasons for allowance:

- Prior art of record does not teach or suggest or render obvious the claimed limitations in combination with the specific added limitations as recited in independent claims 1, 7 and 13. The prior art of record fails to teach or suggest in combination of claimed elements including "converting, characters of the universal resource indicator to equivalent values resulting in a value string having a value string length, the value string including a file name associated with a cached resource" and "converting the value string into discrete file entries including one or more directory entries and the file name associated with the cached resource, wherein each discrete file entry contains a number of values equal to or less than

the maximum file entry length." as recited in independent claims 1, 7 and 13.

- Herriot (US Patent 6,154,742) teaches as a system, method, and apparatus for obtaining a copy of a data object is disclosed. A location-independent identifier associated with the desired data object is obtained, for example, from a primary file that requires a copy of the data object. A cache is interrogated to determine whether a copy of the data object is cached. If the data object is cached, a copy of the cached data object is obtained from the cache. If the data object is not cached, a network call is performed obtain a new copy of the data object (col. 2, lines 16-24).
- Dujari et al. (US Patent 6,119,153) teaches a system and method for increasing the perceived performance of a network application such as an Internet browser by using a relatively high-bandwidth data source such as a CD-ROM and/or a hard drive directory as a local cache of network content.

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sathyanarayan Pannala whose telephone number is (571) 272-4115. The examiner can normally be reached on 8:00 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Rones can be reached on (571) 272-4085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Sathyanarayan Pannala/
Primary Examiner, Art Unit 2164

srp
May 8, 2009